In the Claims

Claims 1 - 46 (Cancelled)

47.   (New) A process for secured distribution of digital fixed pictures in the form of streams comprising sequences of data each containing a part of information of the picture comprising modifying the original stream by modifying at least a part of the data sequences to produce a stream modified in the same nominal format as the original stream, transmitting the modified stream, and reconstructing the modified stream with a decoder in addressee equipment, wherein the reconstruction is adaptive and progressive as a function of information coming from a digital profile of an addressee user.

48.   (New) The process according to claim 47, wherein modification produces a modified main stream and complementary information permitting reconstruction of the original stream by a decoder, and transmitting the modified stream also comprises transmitting to the addressee equipment a subset of the complementary information, which subset is determined as a function of information coming from a digital profile of the addressee.

49.   (New) The process according to claim 47, wherein modification produces modified main stream and complementary information permitting reconstruction of the original stream by a decoder, and transmitting the modified stream also comprises transmitting to the addressee equipment a subset of the complementary information, which subset is determined as a function of information coming from a hardware profile of the addressee.

50.   (New) The process according to claim 47, wherein the original stream is coded in accordance with a process for coding in wavelets.

51.   (New) The process according to claim 50, wherein the original stream has a property of scalability in resolution.

52.   (New) The process according to claims 50, wherein the original stream has a property of spatial scalability.

53.   (New) The process according to claim 50, wherein the original stream has a property of qualitative scalability.

54.   (New) The process according to claim 50, wherein the original stream has a property of spectral scalability.

55.   (New) The process according to claim 50, wherein the modified main stream is available on the addressee equipment prior to transmitting the complementary information to the addressee equipment.

56.   (New) The process according to claim 50, wherein part of the modified main stream is available on the addressee equipment prior to transmitting the complementary information to the addressee equipment.

57.   (New) The process according to claim 50, wherein the modified main stream and the complementary information are transmitted together in real time.

58.   (New) The process according to claim 48, wherein determination of the subset of the complementary information is based on scalability properties of the original stream.

59.   (New) The process according to claim 48, wherein determination of the subset of the complementary information is based on properties of granular scalability of the complementary information.

60.   (New) The process according to claim 48, wherein the quantity of information contained in the subset corresponds to a level of scalability determined as a function of a profile of the addressee.

61.   (New) The process according to claim 48, wherein information contained in the subset corresponds to a level of scalability determined as a function of a profile of the addressee.

62.   (New) The process according to claim 48, wherein the complementary information comprises at least one digital routine suitable for executing a function.

63.   (New) The process according to claim 62, wherein functions transmitted to addressees are personalized for each addressee as a function of a session.

64.   (New) The process according to claim 48, wherein the complementary information is encrypted for addressees as a function of the session.

65.   (New) The process according to claim 48, wherein the complementary information is subdivided into at least two subparts.

66.   (New) The process according to claim 65, wherein the subparts are distributed by different media.

67.   (New) The process according to claim 65, wherein the subparts are distributed by the same medium.

68.   (New) The process according to claim 48, wherein all or part of the complementary information is transmitted on a physical vector.

69.   (New) The process according to claim 48, wherein the complementary information is transmitted on-line.

70.   (New) The process according to claim 48, wherein information contained in the subset is updated as a function of behavior of the addressee during connection to a server or as a function of habits or as a function of data communicated by a third party.

71.   (New) The process according to claim 48, wherein the quantity of information contained in the subset is updated as a function of behavior of addressee during connection to a server or as a function of habits or as a function of data communicated by a third party.

72.   (New) The process according to claim 47, further comprising analog/digital converting data in a structured format, which is applied to an analog signal.

73.   (New) The process according to claim 47, further comprising transcoding a digital stream from any format to a format with scalability properties.

74.   (New) The process according to claim 47, wherein fixed pictures constitute a succession of pictures fixed in time.

75.   (New) The process according to claim 74, wherein modification of the data sequences is different for at least two pictures of a succession of pictures.

76.   (New) The process according to claim 74, wherein modification of data sequences of a picture of a succession of pictures includes modification of the data sequences of preceding pictures in temporal order of the succession based on properties of spatial and qualitative scalability of transformations in wavelets.

77.   (New) The process according to claim 48, wherein granular scalability of the complementary information is based on qualitative, spatial and in-resolution scalabilities of streams stemming from a transformation in wavelets of the pictures.

78.   (New) The process according to claim 47, which is performed without loss of picture quality.

79.   (New) The process according to claim 47, wherein, during reconstruction of the original stream, an indelible and imperceptible trace is inserted into the original stream which trace carries a non-ambiguous identifier.

80. (New) The process according to claim 47, further comprising inserting an indelible and imperceptible trace into the picture after reconstruction and decoding of the original stream, which trace carries a non-ambiguous identifier.

81. (New) The process according to claim 79, wherein the indelible and imperceptible trace can be detected by an software that analyzes reconstituted content.

82. (New) The process according to claim 79, wherein the non-ambiguous identifier authenticates a user.

83. (New) The process according to claim 79, wherein the non-ambiguous identifier authenticates equipment on which a reconstruction algorithm of the original stream was executed.

84. (New) The process according to claim 79, wherein the non-ambiguous identifier identifies a session opened by a user during the course of which reconstitution of the original stream is executed.

85. (New) The process according to claim 84, wherein a scrambling session and descrambling session are realized under control of a secured server disguised as a selected third party.

86. (New) The process according to claim 84, wherein the session is identified by a secured server with a register comprising for each session information about session number, identifier of a user or identifier of user equipment, and identifier of content constituting subject matter of the session and a date-time group.

87. (New) The process according to claim 79, further comprising calculating a digital signature from a reconstituted stream, wherein the inserted trace generates a unique and different signature for each reconstituted stream and the signature is stored on a secured server playing disguised as a selected third party.

88.   (New) The process according to claim 79, wherein a stream reconstituted by descrambling has the same visual quality as the original stream and exists in a usable form only if it carries said trace.

89.   (New) The process according to claim 79, wherein a stream reconstituted by descrambling exists in a usable form only if a digital signature extracted during an authenticity control is identical to a signature stored on a secured server disguised as a selected third party.

90.   (New) The process according to claim 79, applied to an audiovisual digital stream stemming from a proprietary norm or standard.

91.   (New) A system for secured distribution of fixed digital pictures comprising a server comprising means for broadcasting a modified stream according to claim 47, and a plurality of devices provided with a descrambling circuit, wherein the server also comprises means for recording a digital profile of each addressee and means for analyzing the profile of each of the addressees of a modified stream, which means controls the nature of complementary information transmitted to each of the addressees.

92.   (New) The system according to claim 50, wherein a level (quality, quantity, type) of the complementary information is determined for each addressee as a function of the state of a profile at a moment of viewing a main stream.